

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries for civilian workers by selected worker characteristics, occupations, and industries, 2009

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Total	4,340	254,771	3.3
Employee Status:			
Wage and salary workers	3,335	237,869	2.7
Self-employed	1,005	16,578	12.0
Gender:			
Men	4,021	143,301	5.5
Women	319	111,460	0.6
Age Category:			
18 to 19 years	55	3,886	2.4
20 to 24 years	261	20,792	2.3
25 to 34 years	681	56,382	2.3
35 to 44 years	872	60,320	2.8
45 to 54 years	1,113	64,556	3.4
55 to 64 years	806	38,615	4.1
65 years and over	521	8,923	11.5
Race³:			
White	3,059	175,938	3.4
Black or African American	407	26,541	3.0
Hispanic	668	35,376	3.7
Occupation:			
Civilian Occupations			
Management, professional, and related occupations	758	99,672	1.5
Management, business, and financial operations occupations	538	44,160	2.4
Management occupations	514	32,344	3.2
Farmers and ranchers	293	1,521	38.5
Construction managers	28	2,152	2.6
Food service managers	22	2,226	2.0
Property, real estate, and community association managers	24	1,108	4.3
Business and financial operations occupations	24	11,760	0.4
Professional and related occupations	220	55,542	0.8
Architecture and engineering occupations	41	5,517	1.5
Community and social services occupations	29	4,329	1.3
Education, training, and library occupations	21	13,926	0.3
Arts, design, entertainment, sports, and media occupations	41	4,613	1.8
Athletes, coaches, umpires, and related workers	17	393	8.7
Healthcare practitioner and technical occupations	54	14,280	0.7
Service occupations	612	40,422	2.9
Protective service occupations	243	6,265	7.2
Fire fighters	29	771	4.4
Police and sheriff's patrol officers	97	1,470	13.1
Security guards and gaming surveillance officers	63	1,735	7.3
Food preparation and serving related occupations	55	11,645	0.9
Building and grounds cleaning and maintenance occupations	248	8,757	5.6
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	41	506	16.2
Janitors and building cleaners	41	3,574	2.2

see footnotes at the end of table

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries for civilian workers by selected worker characteristics, occupations, and industries, 2009 - continued

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Grounds maintenance workers	147	1,937	15.0
Personal care and service occupations	42	8,128	0.9
Sales and office occupations	355	59,745	1.2
Sales and related occupations	269	28,207	1.9
First-line supervisors/managers of retail sales workers	120	6,913	3.5
First-line supervisors/managers of non-retail sales workers	30	2,736	2.2
Cashiers	40	4,270	1.9
Retail salespersons	25	5,147	0.9
Office and administrative support occupations	86	31,608	0.5
Natural resources, construction, and maintenance occupations	1,364	24,926	10.8
Farming, fishing, and forestry occupations	229	1,785	24.6
Miscellaneous agricultural workers	118	1,302	16.7
Fishers and related fishing workers	56	56	200.0
Logging workers	34	110	61.8
Construction and extraction occupations	818	13,383	12.1
First-line supervisors/managers of construction trades and extraction workers	111	1,450	15.2
Carpenters	80	2,173	7.4
Construction laborers	224	2,410	18.3
Operating engineers and other construction equipment operators	40	745	10.7
Electricians	82	1,502	10.9
Painters, construction and maintenance	26	851	6.1
Pipelayers, plumbers, pipefitters, and steamfitters	38	1,035	7.3
Roofers	60	346	34.7
Structural iron and steel workers	18	119	30.3
Miscellaneous extraction workers	21	81	51.9
Installation, maintenance, and repair occupations	317	9,775	6.5
First-line supervisors/managers of mechanics, installers, and repairers	18	729	4.9
Automotive service technicians and mechanics	41	1,582	5.2
Bus and truck mechanics and diesel engine specialists	25	650	7.7
Heating, air conditioning, and refrigeration mechanics and installers	19	724	5.2
Industrial machinery installation, repair, and maintenance workers	81	867	18.5
Maintenance and repairs workers, general	49	794	12.1
Electrical power-line installers and repairers	19	258	14.7
Telecommunications line installers and repairers	17	364	9.3
Production, transportation, and material moving occupations	1,179	29,960	7.8
Production occupations	191	14,612	2.6
First-line supervisors/managers of production and operating workers	22	1,537	2.9
Welding, soldering, and brazing workers	38	908	8.4
Transportation and material moving occupations	988	15,380	12.7
Aircraft pilots and flight engineers	63	217	57.1
Driver/sales workers and truck drivers	586	6,363	18.3
Taxi drivers and chauffeurs	53	713	14.9
Industrial truck and tractor operators	21	978	4.3
Laborers and freight, stock, and material movers, hand	108	2,789	7.4
Refuse and recyclable material collectors	19	151	25.2

see footnotes at the end of table

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries for civilian workers by selected worker characteristics, occupations, and industries, 2009 - continued

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Private industry	3,890	217,057	3.5
Goods producing	1,772	50,460	7.0
Natural resources and mining	652	5,726	22.4
Agriculture, forestry, fishing, and hunting	551	4,147	26.0
Crop production	278	1,766	30.6
Animal production	141	1,867	14.9
Logging	48	171	56.1
Fishing, hunting, and trapping	58	83	139.8
Support activities for agriculture and forestry	21	242	16.5
Mining	101	1,580	12.7
Oil and gas extraction	17	148	21.6
Support activities for mining	55	933	11.8
Utilities	17	1,849	1.8
Construction	816	16,685	9.7
Manufacturing	304	28,049	2.2
Food manufacturing	47	3,100	3.0
Animal slaughtering and processing	15	908	3.3
Chemical manufacturing	18	2,511	1.4
Plastics and rubber products manufacturing	19	887	4.3
Nonmetallic mineral product manufacturing	26	954	5.5
Primary metal manufacturing	16	921	3.5
Fabricated metal product manufacturing	37	2,103	3.5
Machinery manufacturing	21	2,353	1.8
Transportation equipment manufacturing	28	3,828	1.5
Wood product manufacturing	20	784	5.1
Service providing	2,118	166,343	2.5
Trade, transportation, and utilities	1,073	46,509	4.6
Wholesale trade	186	7,665	4.9
Merchant wholesalers, durable goods	94	3,652	5.1
Machinery, equipment, and supplies, merchant wholesalers	26	796	6.5
Recyclable material merchant wholesalers	17	189	18.0
Merchant wholesalers, nondurable goods	85	3,747	4.5
Groceries and related products, merchant wholesalers	26	1,666	3.1
Retail trade	291	27,469	2.1
Motor vehicle and parts dealers	51	3,632	2.8
Automobile dealers	30	2,436	2.5
Auto parts, accessories, and tire stores	17	936	3.6
Building material and garden supply stores	28	1,701	3.3
Food and beverage stores	77	5,080	3.0
Grocery stores	63	4,417	2.9
Gasoline stations	35	911	7.7
Miscellaneous store retailers	29	1,790	3.2
Nonstore retailers	17	982	3.5
Transportation and warehousing	579	9,527	12.1
Air transportation	28	928	6.0
Water transportation	16	165	19.4
Truck transportation	340	3,587	18.9
Transit and ground passenger transportation	57	1,124	10.1
Bus service and urban transit	15	565	5.3
Taxi and limousine service	42	559	15.0
Support activities for transportation	78	1,237	12.6
Couriers and messengers	27	1,166	4.6
Warehousing and storage	16	624	5.1

see footnotes at the end of table

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries for civilian workers by selected worker characteristics, occupations, and industries, 2009 - continued

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Information	32	5,874	1.1
Finance, insurance, real estate, and rental and leasing	101	18,075	1.1
Finance and insurance	30	13,063	0.5
Real estate and rental and leasing	71	5,005	2.8
Real estate	50	4,182	2.3
Rental and leasing services	21	832	5.0
Professional, scientific, management, administrative	394	27,221	2.9
Professional, scientific, and technical services	80	17,203	0.9
Architectural, engineering and related services	30	2,792	2.1
Administrative and support and waste management services	313	10,030	6.2
Employment services	23	1,314	3.5
Investigation and security services	36	1,440	5.0
Services to buildings and dwellings (except landscaping services)	32	2,082	3.1
Landscaping services	158	2,008	15.6
Waste management and remediation services	43	724	11.9
Educational, health and social services	136	36,879	0.7
Educational services	25	6,676	0.7
Health care and social assistance	111	30,284	0.7
Ambulatory health care services	48	11,323	0.8
Hospitals	29	10,039	0.5
Nursing and residential care facilities	22	4,344	1.0
Arts, entertainment, recreation, accommodation, and food services	216	19,857	2.1
Arts, entertainment, and recreation	76	4,248	3.4
Performing arts, spectator sports, and related industries	39	1,255	6.1
Amusement, gambling, and recreation industries (except bowling centers)	35	2,676	2.4
Accommodation and food services	140	15,634	1.7
Accommodation	29	2,527	2.3
Traveler accommodation	26	2,366	2.2
Food services and drinking places	111	13,101	1.6
Restaurants and other food services	79	12,702	1.2
Drinking places, alcoholic beverages	32	401	15.5
Other services (except public administration)	166	11,927	2.7
Repair and maintenance	106	3,845	5.5
Automotive repair and maintenance (except car washes)	74	2,393	6.2
Personal and laundry services	28	3,718	1.5
Membership associations and organizations	29	3,307	1.5
Government	450	37,822	1.9
Federal	116	6,822	1.4
State	75	11,199	1.3
Local	256	19,823	2.4

¹ The total hours worked figures are annual average estimates of total at work multiplied by average hours for civilians, 16 years of age and older, from the Current Population Survey (CPS), 2009

² The rate represents the number of fatal occupational injuries per 100,000 full-time equivalent workers and was calculated as: (N/EH) x 200,000,000 where

N = the number of fatal work injuries

EH = total hours worked by all employees during the calendar year.

200,000,000 = base for 100,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

³ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

NOTE: Selected rate categories had 15 or more reported work injury fatalities in 2009 and 40 million or more work hours (20,000 full-time equivalent employees). Rates produced in prior years may not appear if they do not meet this threshold in 2009. Totals for major categories may include subcategories not shown separately. Figures may not add to totals because of rounding. Workers under the age of 16 years, volunteer workers, and members of the resident military are not included in rate calculations to maintain consistency with the CPS employment. The total fatalities column represents total published fatalities before the exclusions. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Data for 2009 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, 2010